

**Table A-18. Concentration of total, Federal, and company and other industrial R&D funds and net sales of companies that performed industrial R&D in the U.S., ranked by size of R&D program: 1989–2000**

Companies ranked by size of R&D program	1989 <sup>1</sup>	1990 <sup>1</sup>	1991 <sup>1,2</sup>	1992 <sup>2</sup>	1993 <sup>2</sup>	1994 <sup>2</sup>	1995 <sup>2</sup>	1996 <sup>2</sup>	1997 <sup>2</sup>	1998 <sup>2</sup>	1999 <sup>2,3</sup>	2000 <sup>2</sup>
Percent of total (company, Federal, and other) R&D funds												
First 4 (1–4).....	19	18	16	15	17	15	16	15	14	12	11	10
Next 4 (5–8).....	13	13	8	8	7	8	8	8	8	8	8	7
Next 12 (9–20).....	16	15	12	13	13	14	13	13	13	13	13	13
Next 20 (21–40).....	12	12	11	11	12	13	12	12	11	11	11	11
Next 60 (41–100).....	15	16	15	15	16	15	14	14	14	13	13	14
Next 100 (101–200).....	8	9	12	12	8	9	8	9	9	9	9	9
Next 200 (201–400).....	6	7	6	6	7	7	7	7	8	8	7	10
Percent of Federal R&D funds												
First 4 (1–4).....	36	38	14	11	23	26	35	37	40	46	47	43
Next 4 (5–8).....	15	16	21	18	17	19	19	20	23	17	14 (S)	16
Next 12 (9–20).....	30	26	21	27	32	32	27	23	18	14	15	15
Next 20 (21–40).....	11	12	15	13	16	13	8	7	7	7	8	7
Next 60 (41–100).....	6	6	13	11	5	7	5	5	5	7	7	6
Next 100 (101–200).....	1	1	3	4	5	2	3	4	3	5	4	5
Next 200 (201–400).....	0	0	2	2	2	1	3	4	4	4	5	7
Percent of company and other (except Federal) R&D funds												
First 4 (1–4).....	22	21	17	17	17	16	16	15	13	12	11	10
Next 4 (5–8).....	7	7	7	8	7	7	7	7	7	7	8	7
Next 12 (9–20).....	13	12	10	12	12	12	11	11	11	12	12	12
Next 20 (21–40).....	12	13	10	11	11	11	11	10	11	10	10	10
Next 60 (41–100).....	16	17	16	17	14	14	14	14	13	13	13	13
Next 100 (101–200).....	10	10	15	14	9	9	9	10	10	10	9	9
Next 200 (201–400).....	8	8	7	7	8	8	8	8	9	8	8	11
Percent of net sales												
First 4 (1–4).....	6	8	7	8	8	8	8	6	6	5	5 (S)	3
Next 4 (5–8).....	5	4	3	3	3	2	2	3	2	3	2	(D)
Next 12 (9–20).....	5	5	4	4	4	5	6	6	5	5	6	8
Next 20 (21–40).....	5	5	4	4	4	5	4	4	5	5	4	4
Next 60 (41–100).....	12	12	12	12	11	10	9	8	7	8	7	11
Next 100 (101–200).....	8	9	9	9	8	8	8	11	8	8	7	9
Next 200 (201–400).....	11	12	11	11	10	10	10	11	13	11	12	12

<sup>1</sup> As a result of a new sample design, statistics for 1989–91 have been revised since originally published. These statistics now better reflect R&D performance among firms in the nonmanufacturing industries and small firms in all industries. For more information, see the technical notes in Section

<sup>2</sup> As a result of the new sample design, statistics for 1991 and later years are not directly comparable with statistics for 1990 and earlier years. For more information, see the technical notes in Section B.

<sup>3</sup> Some percentages for 1999 have been revised since originally published

**KEY:** (D) = Data have been withheld to avoid disclosing operations of individual companies.  
(S) = Indicates imputation of more than 50 percent.

**NOTE:** Companies were ranked individually for each year; therefore, particular companies comprising the size groups may have changed from year to year.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2000